

**COMPENDIUM OF CERCLA  
RESPONSE SELECTION  
GUIDANCE DOCUMENTS**

**USERS MANUAL**

**U. S. ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF WASTE PROGRAMS ENFORCEMENT**

**MAY 1989**

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## 1.0 INTRODUCTION

This manual describes how to use the "Compendium of CERCLA Response Selection Guidance Documents" (Compendium). Each U.S. Environmental Protection Agency (EPA) Regional Office maintains a compendium of guidance documents frequently used during development and selection of response actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

EPA Headquarters used several sources to develop the initial Compendium. These sources included a pamphlet titled "Selected Technical Guidance for Superfund Projects" (OSWER Directive 9200.7-01); the OSWER Directive System; the Superfund, Resource Conservation and Recovery Act (RCRA), and Enforcement dockets; the Hazardous Waste Collection Database; and any existing regional compendiums. The documents in the Compendium are referenced in administrative records for decisions on selection of response actions.

The administrative record described here is the body of documents that form the basis for selection of a CERCLA response action. Establishment of the administrative record is required by §113(k) of CERCLA. An administrative record is the compilation of documents considered or relied on by EPA in making a decision. Documents that EPA anticipates will be included in the administrative record when the decision on a response action selection is made, are referred to as the "administrative record file." Guidance documents, or portions of guidance documents, that are considered or relied on in selecting a CERCLA response action should be part of an administrative record file.

Certain frequently used guidance documents may be referenced in the index to an administrative record but not physically included in the administrative record file. The reference should indicate the title and location of any documents included in the administrative record but maintained in the Compendium, which is kept at a central regional location. If a guidance document that is not listed in the Compendium is considered or relied on in selecting the response action, the document must be physically included in the administrative record file. The Compendium helps reduce the burden of copying and storing multiple copies of frequently used guidance documents.

Section 2.0 of this manual briefly discusses use of the Compendium by EPA personnel and the public. Section 3.0 discusses the Compendium's file and index structure. Documents in the Compendium are filed in three-ring binders and listed on an index which is generated by and

maintained on a computer database. Procedures for updating the Compendium are presented in Section 4.0.

## **2.0 OVERVIEW OF COMPENDIUM USE**

The Compendium is intended for use by two groups: EPA personnel, during the process of response action selection and administrative record development, and the public, for review of documents referenced in the index to an administrative record.

The user should note that although the term "guidance" is often used in discussing the Compendium, it does not imply that only guidance documents are included. The documents may also be policies, memoranda, clarifications, case studies, manuals, handbooks, reports, and other documents used in the selection of CERCLA response actions.

### **2.1 USE BY EPA PERSONNEL**

EPA personnel use the Compendium primarily to reference frequently used guidance documents that may be maintained in the Compendium rather than physically included in each administrative record file. The index must indicate which documents are physically located in the Compendium and must specify the location and accessibility of the Compendium. The index should also reference only the specific documents in the Compendium that were considered or relied on for the site for which the record is being compiled. The index should not reference the entire Compendium.

### **2.2 USE BY THE PUBLIC**

As with any unrestricted document included in a record, the Compendium documents are accessible for public review. When EPA publishes a notice of availability of an administrative record file, that notice will include the location of the Compendium. The Compendium will be available for public viewing at a central regional establishment (for example, the EPA Regional Office), and not at or near the site for which the record is being compiled. (See Appendix A for a list of the location of each regional copy of the Compendium and the names of the Regional Administrative Record Coordinators.)

### **3.0 STRUCTURE OF THE COMPENDIUM**

Currently, the Compendium is organized into 10 categories. An overview of the file structure is presented below, as well as a discussion of the index that identifies the documents included in the Compendium. This section also discusses the data elements identified in the index. The data elements provide vital information on the documents included in the Compendium and are contained in a database used to compile the Compendium and generate the index.

#### **3.1 FILE STRUCTURE**

The Compendium is structured according to 10 major categories that generally reflect the various components of a response action selection under CERCLA. Table 3-1 lists the current Compendium categories. The documents are further grouped into subcategories that indicate their more specific nature, when applicable. For example, the remedial investigation/feasibility study (RI/FS) section of the Compendium is broken down into more specific subcategories to identify the wide range of RI/FS documents available. When the documents apply to multiple categories, secondary references are provided in the Compendium index.

Each document has been assigned a unique four-digit document number. The bound documents contained in each category are arranged numerically. When a user wants to access a document, he or she will find the document filed according to the assigned number. The four-digit number series assigned to each category are also listed in Table 3-1.

#### **3.2 INDEX STRUCTURE**

When an administrative record index refers to a document contained in the Compendium, that document is also identified in the Compendium index. The index, contained as the first document in the Compendium, provides the information necessary to identify and locate the desired document. (For a copy of the current Compendium index, see Appendix B.)

Because in most cases the user will know the title of the document rather than the number assigned, the index lists the documents under each category in alphabetical order. An alphabetical listing of secondary references follows the primary documents listed under each category.

**TABLE 3-1**  
**COMPENDIUM CATEGORIES AND NUMBER SERIES**

<b>CATEGORIES</b>	<b>NUMBER SERIES</b>
<b>Index</b>	<b>0000</b>
<b>Pre-Remedial</b>	<b>0001-0999</b>
<b>Removal Action</b>	<b>1000-1999</b>
<b>Remedial Investigation/ Feasibility Study</b>	<b>2000-2999</b>
General	2000-2099
RI Data Quality/Site & Waste Assessment	2100-2199
Land Disposal Facility Technology	2200-2299
Other Technologies	2300-2399
Groundwater Monitoring & Protection	2400-2499
<b>ARARs<sup>1</sup></b>	<b>3000-3999</b>
<b>Water Quality</b>	<b>4000-4999</b>
<b>Risk Assessment</b>	<b>5000-5999</b>
<b>Cost Analysis</b>	<b>6000-6999</b>
<b>Community Relations</b>	<b>7000-7999</b>
<b>Enforcement</b>	<b>8000-8999</b>
<b>Selection of Remedy/Decision Documents</b>	<b>9000-9999</b>

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<sup>1</sup> Applicable or Relevant and Appropriate Requirements

The Compendium index is maintained on a database using dBASE III Plus software. This database contains numerous data elements that store the information distinguishing and grouping each document into the appropriate categories. The database is currently maintained at EPA Headquarters.

Maintaining the index in a database allows the information to be organized in different ways. For example, should the Region need an index that is sorted entirely in alphabetical order by title, chronologically by document date, numerically by the number assigned each document, etc., EPA Headquarters can generate and forward such an index. The data elements of the Compendium database, as identified on the index, are included in Appendix B.

#### **4.0 UPDATING THE COMPENDIUM**

The Compendium is designed to allow for the periodic addition of newly developed policy or guidance documents. Updates to the Compendium are necessary in the following cases: (1) EPA releases relevant new guidance, policy, reports, etc.; (2) regional staff find additional documents that should be included in the Compendium; and (3) existing documents are revised or superseded. EPA Headquarters will continue to monitor the information sources used to develop the initial Compendium for new or revised documents that may qualify for inclusion in the Compendium.

Guidance documents identified for addition to the Compendium will be reviewed and relevant information will be entered into the existing database. After the database is updated, a new index will be generated and sent to each Regional Office. This new index will replace any previous indices. Hard copies of the additional documents will be sent to each region for inclusion in the Compendium. The revised index will indicate the category for each new document.

##### **4.1 REGIONAL INPUT**

Parties involved in the response action selection process, as well as Administrative Record Coordinators, may find documents that are frequently included in administrative records but are not referenced in the Compendium. In such cases it may be desirable to include the documents in the Compendium as part of the updating process. However, since the Compendium is designed to be nationally applicable, only documents used frequently in different regions will be included. Any region-specific document should be maintained in separate regional files and not in the Compendium.

#### 4.2

#### **KEEPING THE COMPENDIUM CURRENT**

Once a document is included in the Compendium, it will remain in the Compendium to maintain the integrity of any record that refers to it. However, documents contained in the Compendium may be revised in the future to reflect changes, for example, changes in policy, technology, or law. The most current version of these documents will be added to the Compendium, as appropriate, so that they will be available for the administrative record process.

Although no document included in the Compendium will ever be replaced or removed once an administrative record index refers to it, those documents that are superseded will be flagged and identified on a separate index (superseded index) attached to the Compendium's main index. The superseded index will also identify the corresponding revised version added to the Compendium to indicate the new document that should be used.

Response action selections frequently rely on technical data generated at Superfund sites across the country. Such data is often maintained on national databases. Depending on their use and availability, certain of these databases may be included in the Compendium. For example, the Public Health Risk Evaluation Database (PHRED) is part of the Compendium. PHRED is stored on two floppy diskettes that are regularly updated as additional information becomes available. Whenever updated PHRED diskettes are generated, they will be added to the Compendium. Those diskettes that were previously included will also remain in the Compendium and will be identified on the superseded index.

## APPENDIX A

### REGIONAL COMPENDIUM LOCATIONS AND ADMINISTRATIVE RECORD COORDINATORS

<u>Region</u>	<u>Address</u>	<u>Coordinator/PH #</u>
I	90 Canal Street Boston, MA 02203	1. Remedial 2. <u>Removal</u>
	60 Westview Street * Lexington, MA 02173	1. Diane Kelley (617)573-1672 FTS 833-1672
II	26 Federal Plaza New York, NY 10278	2. Pam Bruno (617)860-4309
	Woodbridge Avenue * Raritan Depot - Bldg 10 Edison, NJ 08837	1. Jennie Delcimento (212)264-8676 FTS 264-8676
III	841 Chestnut Street Philadelphia, PA 19107	2. Mark Pane (201)321-6813 FTS 340-6813
		1. Margaret Leva (215)597-3037 FTS 597-3037
IV		2. Dennis Carney (215)597-0992 FTS 597-0992
	345 Courtland Street, N.E. Atlanta, GA 30365	1. Charlotte Williams (404)347-2930 FTS 257-2930
V		2. Jan Rogers (404)347-3931 FTS 257-3931
	230 South Dearborn Street Chicago, IL 60604	1. Susan Swales (312)886-7336 FTS 886-7336
VI		2. Pam Schafer (312)886-2120 FTS 886-2120
	1445 Ross Avenue 12th Floor, Suite 1200 Dallas, TX 75270	1. Karen Witten (214)655-6735 FTS 255-6735
		2. JoAnn Woods (214)655-2270 FTS 255-2270

\* The Compendium was initially distributed to remedial Administrative Record Coordinators only. Copies may not be located at this address.

<u>Region</u>	<u>Address</u>	<u>Coordinator/PH #</u>
		1. <u>Remedial</u> 2. <u>Removal</u>
VII	726 Minnesota Avenue Kansas City, KS 66101	1. Maureen Hunt (913)236-2856 FTS 757-2856
	25 Funston Road * Kansas City, KS 66115	2. Helen Bennett (913)236-3881 FTS 757-3881
VIII	999 18th Street Suite 500 Denver, CO 80202	1. Carol Macy (303)293-1281 FTS 564-1281
		2. Carol Pokorny (303)294-7638 FTS 564-7638
IX	215 Fremont Street San Francisco, CA 94105	1. Thomas Mix (acting) (415)974-7414 FTS 454-7414
		2. Same
X	1200 Sixth Avenue Seattle, WA 98101	1. Lynn Williams (206)442-2121 FTS 399-2121
		2. Same

\* The Compendium was initially distributed to remedial Administrative Record Coordinators only. Copies may not be located at this address.

**APPENDIX B**

**COMPENDIUM OF CERCLA  
RESPONSE SELECTION  
GUIDANCE DOCUMENTS**

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<u>Category - Subcategory</u>	<u>Number Series*</u>	<u>Page</u>
Pre-Remedial	0001-0002	1
Removal Action	1000-1008	1
RI/FS - General	2000-2012	2
RI/FS - RI Data Quality/Site & Waste Assessment	2100-2119	2
RI/FS - Land Disposal Facility Technology	2200-2212	4
RI/FS - Other Technologies	2300-2320	5
RI/FS - Ground-Water Monitoring & Protection	2400-2408	7
ARARs	3000-3005	8
Water Quality	4000-4003	9
Risk Assessment	5000-5015	9
Cost Analysis	6000-6001	11
Community Relations	7000-7000	11
Enforcement	8000-8001	12
Selection of Remedy/Decision Documents	9000-9001	12
Data Element Definitions		
List of Organizational Abbreviations and Acronyms Identified in the Index		

\*The range for each number series identified represents the numbers assigned to those documents currently in the Compendium.

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COMPARISON OF CERCLA RESPONSE SELECTION GUIDANCE DOCUMENTS

Doc No.	Vol title	Date	Author's	Status Pages	Attachments	CERMR/DOA Number
0000	1 INDEX TO COMPARISON OF CERCLA RESPONSE SELECTION GUIDANCE DOCUMENTS	05/01/89	OWP - PAC-ENVIRONMENTAL MANAGEMENT, INC	Final	6	1) DATA ELEMENT DEFINITIONS 2) ORGANIZATIONAL ABBREVIATIONS AND ACRONYMS IDENTIFIED IN INDEX
0001	1 EXPANDED SITE INSPECTION TRANSITIONAL GUIDANCE FOR FY-88	10/01/87	OCEP - CERCLA R&D	Final	74	1) DATA ELEMENT DEFINITIONS 2) ORGANIZATIONAL ABBREVIATIONS AND ACRONYMS IDENTIFIED IN INDEX
0002	1 INITIATORY ASSESSMENT GUIDANCE FISCAL YEAR 1988	01/01/88	OCEP - CERCLA R&D	Final	63	1) DATA ELEMENT DEFINITIONS 2) ORGANIZATIONAL ABBREVIATIONS AND ACRONYMS IDENTIFIED IN INDEX
..	Pre-Remedial					
1000	1 CERCLA REMEDIAL ACTIONS AT HAZARDOUS RELEASE SITES	01/13/86	CONTEST, H.L./OCEP	Final	2	(CERMR #9345 0-6)
1001	1 CRISIS OR REMEDIAL RESPONSE ACTIONS AT HAZARDOUS WASTE SITES	01/01/81	RISKE, H.L., ET AL /SCS INSTITUTE	Final	164	(CERMR #9345 0-15)
1002	1 EMERGENCY RESPONSE PROCEDURES FOR CONTROL OF HAZARDOUS SUBSTANCES	01/01/83	ALBRIGHT, O.W./MWR	Final	1	(DOA-6000-A) 84-021
1003	1 ENVIRONMENTAL REVIEW REQUIREMENTS FOR REMOVAL ACTIONS	04/13/87	MCGARTH, L.F./MWR	Final	6	(CERMR #9346 0-05)
1004	1 CRISIS (OR INITIATORY) REMOVAL ACTIONS INVOLVING NATIONALITY PROBLEMS - PROVISION	04/06/87	OCEP	Final	2	(CERMR #9346 0-13)
1005	2 CRISSES (OR INITIALLY) REMOVAL ACTIONS INVOLVING SIGNIFICANT OR PREDOMINANT SETTING ISSUES	04/01/86	CONTEST, H.L./OCEP	Final	9	1) RISKS FOR CONTAMINATION 2) RISKS FROM INHIBITION
1006	1 INFORMATION IN TRINKING WATER ACTION LEVELS	04/19/86	FIELDS, JR., T./CERMR/ID	Final	17	1) MAJOR RELEASES FROM INDUSTRIAL ACTIVITY 2) MAJOR RELEASES FROM LANDFILLS 3) GUIDANCE FOR EMINENT DETERMINATION IN TRINKING WATER
1007	1 SUMMARY REMOVAL PROCEDURES, REVISION #3	07/01/88	OCEP/OCEP	Final	365	(CERMR #9360 0-03)
4007	1 THE ROLE OF EMERGENT RESPONSE ACTIONS UNDER SARA	04/21/87	CONTEST, H.L./OCEP	Final	3	(CERMR #9360 0-15)
4008	26 INITIALLY FINAL GUIDANCE ON RISKS TO PUBLIC HEALTH FROM DRINKING WATER SITES [Secondary Reference]	10/16/87	OCEP/CERMR	Final	9	(CERMR #9360 1-01)
6001	12 REMOVAL CRITERIA AND MANAGEMENT MANUAL [Secondary Reference]	04/01/88	OCEP/CERMR	Final	170	(CERMR #9360 0-03)

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COMPENDIUM OF CERCLA RESPONSE SELECTION GUIDE DOCUMENTS

Item No.	Title	Date	Author's Name	Status Pages	File #	Attachments	OSWER #
2115	6 PRACTICAL GUIDE FOR GROUND-WATER SAMPLING	09/01/85	- BARCELONA, M. J., ET AL./ILLINOIS ST. WATER SURVEY	Final	175	1	FPA-600/7-85/104
2116	6 SEDIMENT SAMPLING QUALITY ASSURANCE USER'S GUIDE	07/01/85	- SCALF, M. R./ORD/ERL - BARTH, D. S. & STARKS, T. S./UNIV. OF NEV. LAS VEGAS	Final	120	1	FPA-600/4-85/048
2117	6 SOIL SAMPLING QUALITY ASSURANCE USER'S GUIDE	05/01/84	- BROWN, K. W./EARD - BROWN, D. S. & MASON, B. J. AJ. OF NEVADA, LAS VEGAS	Final	104	1	FPA-600/4-84/043
2118	9+ TEST METHODS FOR EVALUATING SOLID WASTE, LABORATORY MANUAL (PHYSICAL/EMISSION METHODS, THIRD EDITION (VOLUME 1A, 1B, 1C, AND 1D)	11/01/86	- OSWER	Final	3000	1	
2119	11 USER'S GUIDE TO THE CONTRACT LABORATORY PROGRAM	12/01/86	- OEPB/CIP SAMPLE MANAGEMENT OFFICE	Final	220	2	OSWER #9240-0-1
• RI/FS - Land Disposal Facility Technology							
2200	12 COVERS FOR UNCONTROLLED HAZARDOUS WASTE SITES	09/01/85	- MCATHRY, C. C., ET. AL./U.S. CO/OMES	Final	475	2	FPA-540/7-85/002
2201	13 DESIGN, CONSTRUCTION, AND EVALUATION OF CLAY LINERS FOR WASTE MANAGEMENT FACILITIES	11/01/86	- COLEMAN, J. L., ET. AL./NJS - ROLLER, M. H./ARREL	Final	500	2	FPA-530/SW-86/007F
2202	13 EVALUATING COVER SYSTEMS FOR SOLID AND HAZARDOUS WASTE	09/01/82	- LUTTON, R. J./U.S.A. CO/OMES - LANDRETTI, R. E./ARREL	Final	58	2	OSWER #9476 00-1
2203	13 GUIDANCE MANUAL FOR MINIMIZING POLLUTION FROM WASTE DISPOSAL SITES	08/01/78	- TOLMANN, A. L., ET. AL./A.W. MARTIN ASSOCIATES, INC.	Final	83	1	FPA-600/7-78-147
2204	13 LAND DISPOSAL RESTRICTIONS	08/11/87	- SANING, D. F./ARREL - LUCERO, C./OMFE	Final	23	2	1) SUMMARY OF MAJOR LAND FRONTS/SHIPS AND CALIFORNIA LIST PROHIBITIONS 2) OTHER ATTACHES CITED ARE AVAILABLE IN

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COMPENDIUM OF CERCLA RESPONSE SELECTION GUIDANCE DOCUMENTS

Doc No.	Title	Date	Author(s)	Status Pages	File#	Attachment	CERCLA/FPA Number
7205	14 LINING OR WASTE CONTAINMENT AND OTHER IMPOUNDMENT FACILITIES	09/01/86	MARECTN, INC. - LAURENT, R./PRODRISK RITTELTON ENGINEERING LAB	final	950	2	
7206	15 LINING OF WASTE IMPOUNDMENT AND DISPOSAL FACILITIES	03/01/83	OSWR #9480 00-4 01/01/84 - OSW	final	480	2	
7207	15 PROCEDURES FOR MIXING FLOW TO CLAY LINERS TO DETERMINE REQUIRED LINER THICKNESS	01/01/84	(OSWR #9480 00-4)	final	145	2	
7208	15 RCR (GUIDANCE) DOCUMENT: LANDFILL DESIGN LINER SYSTEMS AND FINAL CVR	07/01/82	FPA	final	30	2	
7209	15 SETTLEMENT AND OTHER SUSPENSE OF HAZARDOUS WASTE LANDFILLS: PROJECT SUMMARY	05/01/85	MARIN, W.L. - CHINER, P.A.	final	4	2	1PA-600/52-05-015
7210	15 SUPPLEMENTARY GUIDANCE ON DETERMINING LINER/LEAK RATE COLLECTION SYSTEM COMPATIBILITY	08/07/86	WIDDE E. B.R./SPRANTS AND STATE PROGRAMS DIV	final	60	2	OSWR #9480 00-13 1) ANALYSIS AND FINANCING; 2) UNEXTRID & EXPONENTIAL HYDRAULIC MARIAN LINERS MARECTN, INC.
7211	15 TECHNICAL GUIDANCE DOCUMENT: CONSTRUCTION QUALITY ASSURANCE FOR Hazardous Waste Land Disposal Facilities	10/01/86	FERBERMAN J.C./MERRILL AND KELLY INC. CERCLA DIV	final	68	2	OSWR #9472 001
7212	15 TREATMENT OF REACTIVE WASTES AT HAZARDOUS WASTE LANDFILLS: PROJECT SUMMARY	01/01/84	CERCLA - OSWR SKINNER, D. ET AL /MERRILL INC.	final	4	2	1PA-600/52-01/16
7200	15 APPLICABILITY OF THE ISMA MINIMUM TECHNICAL REQUIREMENTS RESPECTING LINERS AND LEAK RATE COLLECTION SYSTEMS [Secondary Reference]	04/01/85	LAURENT, R./MERRILL SKINNER, J./OSWR	final	3	2	(OSWR #9480 01/05)
	• R/IS - Other Technologies						
7200	16 A COMPENDIUM OF HAZARDOUS WASTES IN THE TREATMENT OF HAZARDOUS WASTES			final	49	2	1PA-6075/A-07/014

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APPENDIX OF CERCLA RESPONSE SELECTION GUIDE DOCUMENTS

DOC NO.	Vol Title	Date	Author's	Status	Pages	Iter	Attachments	OSWTR / EPA Number
1001	16 CARBON ABSORPTION ISOTHERMS FOR TOXIC ORGANICS	04/01/80	- IXTHIS, R. A./MTRL - COIN, J. M./MTRL	Final	371	2		EPA/600/8-80-013
1002	17 INCINERATION INVENTORY FOR HAZARDOUS WASTE INCINERATION	09/01/81	- BENN, T. A., ET AL./MATERIALS RESEARCH CORP.	Final	445	2		OSWTR #9488 00-5
1003	17 EPA GUIDE FOR IDENTIFYING CLEANUP ALTERNATIVES AT HAZARDOUS WASTE SITES AND SPILLS: BIOLOGICAL TREATMENT	-	- CIRRACKTR, D.A./CET					EPA-600/1-83-061
1004	17 EPA GUIDE FOR INFECTIOUS WASTE MANAGEMENT	05/01/86	- OSWTR/CSP	Final	75	2		OSWTR #9410 00-7
1005	17 CLEANUP INVENTORY FOR CLEAN UP OF SURFACE IMPOUNDMENT SITES	06/01/86	- CIRRACKTR-CHEM/PROF. F. W. STODDARD	Final	39	1		OSWTR #9480 0-06
1006	17 CLEANUP INVENTORY FOR CLEAN UP OF SURFACE TANK AND DRUM SITES	05/28/85	- CIRRACKTR-CHEM/PROF. F. W. STODDARD C. JO NISON	Final	135	1		OSWTR #9480 0-01
1007	18 INVENTORY FOR EVALUATING RETHINK ACTION TECHNOLOGY PLANS	08/01/83	- DRINKARD, J. AND BASS, J. /MATERIALS INC.	Final	419	1		EPA-600/1-81-076
1008	18 INVENTORY FOR SANITIZATION/DECONTAMINATION OF HAZARDOUS WASTES	08/01/86	- CULMAN, R., ET AL./A.S.T. CTFAMES	Final	175	1		EPA/540/7-86-001
1009	19 INVENTORY RETHINK ACTION AT WASTE DISPOSAL SITES (REVISED)	10/01/85	- CIRRACKTR, J. M./MATERIALS	Final	560	1		EPA/625/6-85/006
1010	20 INCINERATE WASTE MANAGEMENT	11/01/85	- RUFO, E. AND KUFS, C. /IRRB ASSOCIATES	Final	500	1		EPA/540/7-85/004
1011	20 WASTE TREATMENT TECHNOLOGIES FOR SUPPLYING WASTES	09/01/86	- BARKLEY, N./EPA - CAMP, DRESSER, AND WOLKE INC.	Final	130	1		EPA/540/7-86-0011
1012	21 PRACTICAL GUIDE-TRIAL BURNS FOR HAZARDOUS WASTE INCINERATORS	04/01/86	- CALER, L. D./ARSD - GERMAN, P., ET AL./MIDWEST RESEARCH INSTITUTE	Final	63	2		EPA/600/7-86/050
1013	21 PRACTICAL GUIDE-TRIAL BURNS FOR HAZARDOUS WASTE INCINERATORS PROJECT SUMMARY	07/01/86	- CIRRACKTR, D.A./MTRL INSTITUTE	Final	2	1		EPA/600/51-86/050

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Doc No.	Vol Title	Date	Author's	Status	Pages	Ref	Attachments	CERMR / EPA Number
2114	21 PROBATION ON THE PLACEMENT OF FLAK LIQUID HAZARDOUS WASTE IN LANDFILLS: STATUTORY INTERPRETIVE GUIDANCE	06/11/86	- CERMR/OSRM	Final	35	1	1) MEAD RE SAME SUBJECT FROM WILLIAMS. M. E. KORN	CERMR #9487 00-1A
2115	21 REVIEW OF IN-PLACE TREATMENT TECHNIQUES FOR CONTAMINATED SURFACE SOILS-VOL. 2: BACKGROUND INFORMATION FOR IN-SITU TREATMENT	11/01/84	- SIMS, R. C., ET AL./JRB ASSOCIATES	Final	350	1		EPA-540/1-84-003b
2116	21 REVIEW OF IN-PLACE TREATMENT TECHNIQUES FOR CONTAMINATED SURFACE SOILS-VOL. 1: TECHNICAL EVALUATION	09/19/84	- CERMR/CRR	Final	165	1		EPA/540/1-84-003a
2117	21 SURVEY (INITIAL) CONSTRUCTION FOR POLLUTION MIGRATION CONTROL	01/01/84	- CRR	Final	220	1		EPA/540/1-84-001
2118	22 SYSTEMS TO ACCREDITATE IN-SITU STABILIZATION OF WASTE DEPOSITS	09/01/86	- AMERTR. M., ET AL./ENVIRONMENTAL CO.	Final	265	1		EPA 540/1-86/001
2119	22 INTEGRITY SORTING GUIDE FOR TREATMENT OF CERCLA SOILS AND SLUDGES	09/01/86	- ORBEE, W. AMERTR.	Final	130	1		EPA 540/1-86/004
2120	22 TREATMENT TECHNOLOGY BRIEFS: ALTERNATIVES TO HAZARDOUS WASTE MANAGEMENT	07/01/86	- IMRRL	Final	35	2		EPA/600/8-86/017
*** RI/FS - Ground-Water Monitoring & Protection								
2400	23 CRITERIA FOR IDENTIFYING AREAS OF UNSTABLE INTRUSORY UNWR	07/01/86	- CERMR/OSRM	Final	950	2		CERMR #9472 00-1A
RCRA STATUTORY INTERPRETIVE GUIDANCE								
2401	24 FIRM RCRA COMPREHENSIVE GROUND-WATER MONITORING EVALUATION (CER) (JULY 1986)	12/19/86	- ILGRO, G. A./CERTE	Final	55	2	1) RELATIONSHIP OF TECHNICAL IMPERFEPIENCIES TO GROUND-WATER MONITORING STANDARDS	CERMR #9450 2
2402	24 GROUND-WATER MONITORING AT CLEAN-CLOSING SURFACE IMPROVEMENT AND WASTE SITE LMS	01/31/86	- PORTER, J. W./CERMR	Final	3	2		CERMR #9476 00-14
2403	24 GROUND-WATER PROTECTION STRATEGY	08/01/84	- OFFICE OF GROUND-WATER PROTECTION	Final	65	2		EPA/440/6-84-002
2404	24 GUIDELINES FOR GROUND-WATER CLASSIFICATION UNDER THE EPA GROUND-WATER PROTECTION STRATEGY	12/01/86	- OFFICE OF GROUND-WATER PROTECTION	Final	600	2		
2405	24 OPERATION AND MAINTENANCE INSPECTION GUIDE (CER) GROUND-WATER MONITORING SYSTEMS	01/30/86	- CERMR/DOE/RCRA ENFORCEMENT DIVISION	Final	50	2	1) TRANSMITTAL MEMO RE SAME SUBJECT	CERMR #9450-1

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1406	24 PROTOTYPING FOR GROUND-WATER EVALUATIONS	09/01/86	HAZARDOUS WASTE GROUND-WATER TASK FORCE	Final	200 2	OSMER #9980 0-1
1407	25 RCRA GROUND-WATER MONITORING TECHNICAL ENFORCEMENT GUIDANCE [DOCUMENTED]	09/01/86	EPA	Final	170 2	OSMER #9950 1
1408	25 RCRA GROUND-WATER MONITORING TECHNICAL ENFORCEMENT GUIDANCE [DOCUMENTED]	07/01/87	IUCERO, G.A./RMPF	Final	8 1	OSMER #9950 1-a
**	APRI					
1500	25 APPLICABILITY OF THE EPA MINIMUM TECHNICAL REQUIREMENTS RESPECTING LINERS AND LEACHATE COLLECTION SYSTEMS	04/01/85	SKINNER, J./OSMER	Final	3 2	OSMER #9460 01(85)
1501	25 CERCLA COMPLIANCE WITH OTHER ENVIRONMENTAL STATUTES	10/02/85	KRUEGER, J.W./OSMER	Final	19 1	1) POTENTIALLY APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS
1502	25 CERCLA COMPLIANCE WITH OTHER LANS MANUAL	08/08/86	CBPR	Draft	245 2	OSMER #9214 1-01
1503	25 EPA'S IMPLEMENTATION OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986	05/21/87	THOMAS, I.M./EPA	Final	4 2	
1504	25 CRITERIA FOR IDENTIFICATION OF RICED/CD INAROS WASTES	03/01/86	INDUSTRIAL ECONOMICS, INC - OSWER	Final	350 2	OSMER #9441 00-2
1505	25 INTIRIM ROTATIONAL GUIDANCE ON NON-CONTINUOUS SITES AND IN-SITE MANAGEMENT OF WASTE AND TREATMENT/REUSE	03/17/86	KRUEGER, J.W./OSMER	Final	8 2	1) COMMUNICATING HAZARDOUS WASTE SITES FOR RWA ACTION
2400	23 CRITERIA FOR IDENTIFYING AREAS OF VULNERABLE HYDROGEOLGY UNTR RCRA STATUTORY INTERPRETIVE GUIDANCE [Secondary Reference]	07/01/86	OSMER/OSW	Final	950 2	OSMER #9347 0-1
2401	24 FINAL RCRA COMPREHENSIVE GROUND-WATER MONITORING EVALUATION (OWF) 12/19/86	IUCERO, G.A./RMPF	Final	55 2	1) RELATIONSHIP OF TECHNICAL INNOVACIES TO ORGAN-WATER COMPLIANCE [Secondary Reference]	
1405	14 OPERATIONAL AND MAINTENANCE INSPECTION GUIDE (RCRA GROUND-WATER MONITORING SYSTEMS) [Secondary Reference]	03/10/86	COMPLIANT/RCRA ENFORCEMENT DIVISION	Final	50 2	1) TRANSMITTAL MEMO RE SAME SUBJECT OSMER #9950-3
1407	25 RCRA GROUND-WATER MONITORING TECHNICAL ENFORCEMENT GUIDANCE [Secondary Reference]	09/01/86	EPA	Final	270 2	OSMER #9950 1
1408	25 RCRA GROUND-WATER MONITORING TECHNICAL ENFORCEMENT GUIDANCE [DOCUMENTED]	07/01/87	IUCERO, G.A./RMPF	Final	8 1	OSMER #9950 1-a

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1208	15 RCRRA CRITERIA DOCUMENT: LANDFILL DESIGN LINER SYSTEMS AND FINAL CDRMR [Secondary Reference]	07/01/82	FPA	Draft	30	2		CERMR #9481 00-64C
9001	32 RCRA/CERCLA DECISIONS MADE ON REMEDY SELECTION [Secondary Reference]	06/24/85	KIPATRICK, M./COOPER, JANE BRANDY, CHERYL	Draft	3	1		
	• water quality							
4000	26 ALTERNATE CONCENTRATION LIMIT GUIDANCE PART 1. ACL POLICY AND INFORMATION REQUIREMENTS	07/01/87	CERMR	Draft	124	2		
4001	26 GUIDANCE DOCUMENT FOR PROVIDING ALTERNATE WATER SUPPLIES	02/01/88	CERMR	Draft	64	2		CERMR #9355 3-03
4002	26 INTRIM FINAL GUIDANCE ON REMOVAL ACTION LEVELS AT CONTAMINATED DRINKING WATER SITES	10/06/87	CERMR	Draft	9	2		CERMR #9360 1-01
4003	26 QUALITY CRITERIA FOR WATER 1986	05/01/87	OFFICE OF WATER REGULATIONS AND STANDARDS	Draft	325	2		FPA #440/5-86-001
7001	16 CERTRON APPROXIMATION ISOTERMS FOR TOXIC ORGANICS [Secondary Reference]	04/01/80	LIXBIS, R. A. /MERRI COHEN, J. M. /MERRI	Draft	321	2		FPA #600/8-80-00-021
1005	1 INFORMATION ON DRINKING WATER ACTION LEVELS [Secondary Reference]	04/19/86	FELDIS, JR., T. /CERMR/FPA	Draft	17	2	1) MEDEV RELEASES FROM INDUSTRIAL ACTIVITY 2) MEAN DRIP CONTAMINATION 3) GUIDANCE FOR THE DETERMINE IN DRINKING WATER	
	• RISK ASSESSMENT							
5000	27 AERISK RISK ASSESSMENTS ON NPL SITES	06/16/86	DEPT. OF HEALTH AND HUMAN SERVICES/AERISK	Draft	14	2		
5001	27 CHEMICAL, PHYSICAL & BIOLOGICAL PROPERTIES OF CERCLINK TRI-STATE AIR HAZARDUS WASTE SITES	09/17/85	CLIMENT ASSOCIATES, INC.	Draft	320	2		CERMR #9650 1
5002	27 FINAL GUIDANCE FOR THE COORDINATION OF AERISK HEALTH ASSESSMENT ACTIVITIES WITH THE SUPERFUND REMEDIAL PROCESS	05/14/87	PORTER, J. W. /CERMR/CERRA-AERISK	Draft	22	2	1) SAME TITLE, DATED 4/7/87	CERMR #9785 4-02
5003	27 GUIDELINES FOR CARCINOGEN RISK ASSESSMENT (FEDERAL REGISTRAR, SEPTEMBER 24, 1986, P. 33992)	09/24/86	FPA	Draft	13	2		

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5004	77 GUIDELINES FOR EXPOSURE ASSESSMENT (FEDERAL REGISTER, SEPTEMBER 24, 1986 - P. 34042)	09/14/86 - EPA	.....	Final 14 2		
5005	77 GUIDELINES FOR HEALTH ASSESSMENT OF SUSPECT DEVELOPMENTAL TOXICANTS (FEDERAL REGISTER, SEPTEMBER 24, 1986, P. 34028)	09/24/86 - EPA	.....	Final 14 2		
5006	77 GUIDELINES FOR HAZARDITY RISK ASSESSMENT (FEDERAL REGISTER, SEPTEMBER, 24, P. 34006)	09/24/86 - EPA	.....	Final 8 2		
5007	77 GUIDELINES FOR THE HEALTH RISK ASSESSMENT OF CHEMICAL MIXTURES (FEDERAL REGISTER, SEPTEMBER 24, 1986, P. 34014)	09/24/86 - EPA	.....	Final 13 2		
5008	78 & 79A: HAZARDOUS EFFECTS ASSESSMENT DOCUMENTS (58 CHEMICAL PROFILES) VOL. 2B: ACETONE, ARSENIC, ASBESTOS, BARIUM, BENZALPHERINE, CADMIUM, CARBON TETRACHLORIDE, CHLOROBENZENE, CHLOROANE, CHLOROTRIAZOLE, COPPER, CRESOLS, CYANIDE, DDT, 1,1-DIOXOCTANE, 1,2-DIOXOCROTHANE, VOL. 79: 1,1-DIOXOCROTHANE, 1,2-DIOXOCROTHANE, CIS-1,2-DIOXOCROTHANE, ETHERBENONE, CYANO FLUERS, HEXAOXOCROTHANE, HEXAOXOCROTHANE, HEXAOXOCROTHANE, IRON(II) COMPOUNDS, IRON(III), LINOLNE, MANGANESE (AND COMPOUNDS), MERCURY, ANHIDRIDE, KETONE, METHIMINE OLEFINIC, NICKEL(II), PHENYLACROTHANE, PARAL, PHENYLARINE, VOL. 30: POLYDILORINATED BIARENDS (PPBS), POLYCYClic AROMATIC HYDROCARBONS (PAHs), PYRROLE, SELENIUM (AND COMPOUNDS), STIBIUM CYANIDE, SULFURIC ACID, 2,3,7,8-TETRACHLORDIBINDODIOXIN, 1,1,2,2-TETRAOCROTHANE, TETRAOCROTHANE, TOLUENE, 1,1,2-TRIOCROTHANE, 1,1,1-TRIOCROTHANE, TRIOCROTHANE, 2,4,5-TRIOCROTHOL, 2,4,6-TRIOCROTHOL, TRIVALENT IRON(II), VINYL OLEFIN, XYLENE, ZINC (AND COMPOUNDS)	09/01/84 - OSWER/TPA	Final 1750 2		EPA/5401-86/001-05A	
5009	31 INTEGRATED RISK INFORMATION SYSTEM (IRIS) (A COMPUTER-BASED HAZARD RISK INFORMATION SYSTEM AVAILABLE THROUGH E-MAIL - IRIS/LRF ON ACCESS IS INCLUDED)	.....	.....	Final - 2		

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5010	31 INTERIM POLICY FOR ASSESSING RISKS OF "DODGING" OTHER RWS 2.3.7.8-1033		01/01/87 - WORMS, L W /TPA	Final	50	2	1) INTERIM PROCEDURES FOR ESTIMATING RISKS ASSOCIATED WITH EXPOSURES TO MIXTURES: 10/86	TPA/600/8-87/044
5011	31 PUBLIC DOMAIN RISK EVALUATION DATABASE (PDRD) [USER'S MANUAL AND TWO DISKETTES CONTAINING THE DBASE II PLUS SYSTEM ARE INCLUDED]		09/16/88 - OPR/RMXICS INTEGRATION TEAM	Final	—	2		
5012	31 ROLE OF ACUTE TOXICITY BIOASSAYS IN THE REMEDIAL ACTION PROCESS AT HAZARDOUS WASTE SITES		08/01/87 - ATEY, L A . ET AL. /TPA /PACIFIC NRM/WEST	Final	106	2		
			MILLER, W E /CORVALLIS ENVIRONMENTAL TEST FACILITY LAB					
5013	31 SUPERFUND EXPOSURE ASSESSMENT MANUAL		04/01/88 - OPR	Final	160	1		CSMR #9185 5-1
5014	31 SUPERFUND PUBLIC DOMAIN EVALUATION MANUAL		10/01/86 - OPR	Final	500	1		CSMR #9285 4-1
			- CSMR					
5015	31 TOXICITY MONITOR		08/01/85 - LIFE SYSTEMS, INC.	Draft	116	2		CSMR #9050 1
5020	31 INVESTIGATIVE ASSESSMENT GUIDANCE [Secondary Reference]		11/27/85 - HERR, J W /CSMR	Final	11	2		CSMR #9050 0-1
			- CSMR Analysis					
6000	32 REMEDIAL ACTION COSTLINE INSTRUCTIONS MANUAL		10/01/87 - IRR ASSOCIATES/CDM 1011 - CDM/WML	Final	56	1		
			- CSMR/CPR					
6001	32 REMOVAL COST MANAGEMENT MANUAL		04/01/88 - CSMR/CPR	Final	170	1		CSMR #9360 0-021
1000	1 ENVIRONMENTAL REVIEW REQUIREMENTS FOR REMOVAL ACTIONS [Secondary Reference]		04/13/87 - OPR/TPA	Final	6	2		CSMR #9316 0-05
			- CSMR					
7000	32 COMMUNITY RELATIONS IN SUPTRAD: A MANUAL (INTERIM VERSION)		06/01/88 - OPR	Final	188	2	1) QWP. 6 OF IF CM RFI INTRK 11/03/88	CSMR #9130 0-0101

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8000	32 INDENTURE ASSESSMENT GUIDANCE	11/22/85	PORTER, J. W., OSWER	Final	11	2		OSWER #9850.0-1
8001	32 INTERIM GUIDANCE ON POTENTIALLY RESPONSIBLE PARTY PARTICIPATION IN RIETIAL INVESTIGATIONS AND FEASIBILITY STUDIES	05/16/88	PORTER, J. W., OSWER	Final	37	2		OSWER #9851.14
** Information								
** Selection of Remedy/Remediation Documents								
9000	32 INTERIM GUIDANCE ON SUPERIOR AND SELECTION OF READY TO USE CERCLA DECISIONS MADE ON RIETIAL SELECTION	12/14/86	PORTER, J. W., OSWER	Final	10	2		OSWER #9855.0-19
9001	32 REMEDY SELECTION	06/24/85	KILPATRICK, M. /COMPLIANCE BRANCH, OSWER	Final	3	2		

## DATA ELEMENT DEFINITIONS

The data elements of the Compendium database, as identified on the index, are shown below:

DATA ELEMENT	DEFINITION
Doc No	Unique four-digit number assigned to a document included in the Compendium according to category.
Vol	Volume number of the binder in which the hard copy of the document is contained.
Title	Title of the document. Secondary Reference is identified following the title when a document relates to more than one category. The document itself is filed under the number series assigned to its primary category.
Date	The date the document was published by or released from the issuing office or entity.
Authors	Author(s) and affiliation(s). Also includes identification of the EPA Project Officer and issuing office, where applicable.
Status	Indicates the status of a document, either draft or final version.
Pages	Total number of printed pages of the document, including any attachments.
Tier	Tier 1 or Tier 2. Tier 1 documents are the core documents of the Compendium as listed in the pamphlet titled "Selected Technical Guidance for Superfund Projects," compiled by OERR. Tier 2 documents are all other documents included in the Compendium.
Attachments	Attachments to a document by complete or abbreviated title.
OSWER/EPA Number	EPA report or OSWER Directive System numbers, where applicable.

**LIST OF ORGANIZATIONAL ABBREVIATIONS AND ACRONYMS IDENTIFIED IN THE INDEX**

<u>Organization</u>	<u>Acronym</u>
Agency for Toxic Substances and Disease Registry	ATSDR
Center for Environmental Research Information	CERI
Contract Laboratory Program	CLP
U.S. Corps of Engineers	COE
Exposure Assessment Research Division	EARD
Environmental Criteria and Assessment Office	ECAO
Environmental Monitoring Systems Laboratory	EMSL
Emergency Response Division	ERD
Environmental Research Laboratory	ERL
Hazardous Response Support Division	HRSD
Hazardous Site Control Division	HSCD
Hazardous Site Evaluation Division	HSED
Hazardous Waste Engineering Research Laboratory	HWERL
Municipal Environmental Research Laboratory	MERL
Office of Environmental Engineering and Technology	OEET
Office of Emergency and Remedial Response	OERR
Office of Health Effects Assessment	OHEA
Office of Research and Development	ORD
Office of Solid Waste	OSW
Office of Solid Waste and Emergency Response	OSWER
Office of Waste Programs Enforcement	OWPE
Policy Analysis Staff	PAS
Waterways Experiment Station	WES
Waste Management Division	WMD